

**HUNTERS POINT SHIPYARD
RESTORATION ADVISORY BOARD (RAB) - MEETING AGENDA
THURSDAY, 27 FEBRUARY 2003**

Day/Date:

Thursday – 27 February 2003

Time:

6:00 p.m. to 8:00 p.m.

Location:

Dago Mary's Restaurant
Hunters Point Shipyard
Building # 916
San Francisco

Facilitator:		Marsha Pendergrass
Time	Topic	Leader
6:00 p.m. – 6:10 p.m.	Welcome/Introductions/Agenda Review	Marsha Pendergrass <i>Facilitator</i>
6:10 p.m. – 6:15 p.m.	Approval of Meeting Minutes from 23 January 2003 RAB Meeting • Action Items	Marsha Pendergrass
6:15 p.m. – 6:20 p.m.	Navy Announcements	Keith Forman <i>Navy Co-chair</i>
	Community Co-chair Report/Other Announcements	Lynne Brown <i>Community Co-chair</i>
6:20 p.m. – 6:40 p.m.	Innovative Groundwater Cleanup at Parcel C	Patrick Brooks, R.G. <i>Navy</i>
6:40 p.m. – 7:00 p.m.	Historical Radiological Assessment (HRA) – Update	Laurie Lowman <i>Radiological Affairs Support Office</i>
7:00 p.m. – 7:10 p.m.	BREAK	
7:10 p.m. – 7:30 p.m.	HRA Questions & Answers	Laurie Lowman
7:30 p.m. – 7:50 p.m.	Subcommittee Reports	Subcommittee Leaders
7:50 p.m. – 8:00 p.m.	Future Agenda Topics/ Open Question & Answer	Marsha Pendergrass
8:00 p.m.	Adjournment	Marsha Pendergrass

HPS web site:

<http://www.efds.w.navy.mil/Environmental/HuntersPoint.htm>

RAB Navy Contact:

Mr. Keith Forman (619) 532-0913 or (415) 515-6216

- - - P U B L I C N O T I C E - - -
H U N T E R S P O I N T S H I P Y A R D
Restoration Advisory Board Meeting

◆ ◆ ◆
6:00 P.M. - 8:00 P.M.

Thursday, February 27, 2003

Dago Mary's Restaurant

Hunters Point Shipyard, Building #916

San Francisco

The Restoration Advisory Board (RAB) is composed of concerned citizens and government representatives involved in the environmental cleanup program at Hunters Point Shipyard. Community participation and input is important and appreciated. The purpose of this meeting is to present the community with the current status and future cleanup schedule for Hunters Point Shipyard and to address the concerns of the entire community. Following is a list of the Key Topics to be discussed at the meeting:

- ◆ Innovative Groundwater Cleanup at Parcel C
- ◆ Historical Radiological Assessment Update w/ Q & A
- ◆ RAB Subcommittee Reports

The interested public is welcome!

◆ ◆ ◆

For more information about this meeting and the Installation Restoration Program at Hunters Point Shipyard, please contact:

Mr. Keith Forman, BRAC Environmental Coordinator
Southwest Division Naval Facilities Engineering Command
1230 Columbia Street, Suite 1100, San Diego, CA 92101
(619) 532-0913 or (415) 515-6216



**Current Radiological Issues
Hunters Point Shipyard
RAB Meeting
February 27, 2003**



Introduction

Commander Lino Fragoso, USN
Officer in Charge,
Naval Sea Systems Command Detachment
Radiological Affairs Support Office (RASO)
Yorktown, Virginia



Current Radiological Issues

- Preparation of Draft Final HRA
- Ongoing Radiological Site Work
- New Areas of Investigation



Why a Draft Final HRA?

- Navy has a commitment to produce an accurate and comprehensive HRA
- Navy efforts for Draft Final HRA
 - Address comments received on Draft HRA
 - Incorporate newly discovered historical information
 - Interview former workers



Comments on Draft HRA

- Comments received from:
 - Regulatory agencies
 - City of San Francisco and Developer
 - Concerned citizens
- Navy responses to comments will be distributed by March 7, 2003



HRA Historical Research

- Additional information at 7 different locations
- Navy received personal files of former NRDL department head (now deceased) who was writing a book about NRDL



Advertised for Interviews

- Published in 4 San Francisco newspapers and 1 Sacramento newspaper
- Sought personnel with knowledge of radiological operations at HPS



Interviews

- 138 responses to advertisement to date
- Telephone interviews started February 19, 2003
- Respondents to call 1-800-443-7164 or e-mail DaryID@newworld.org



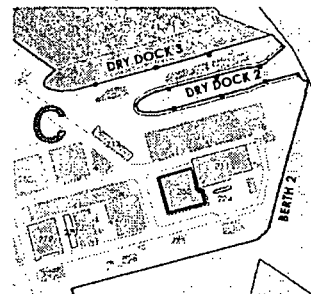
Current Field Surveys

- Current HPS field surveys being performed at same time as HRA research
- Surveys have identified new issues at areas of concern
- Survey results being used with archive information to resolve issues

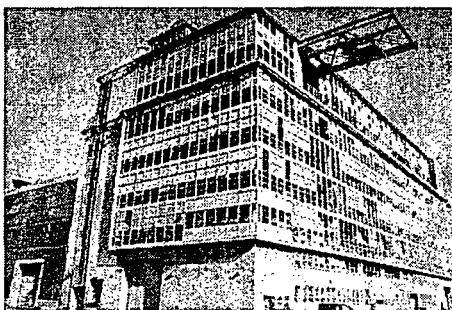


Current Field Investigations

Building 253 in Parcel C

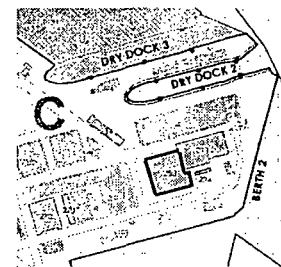


Building 253



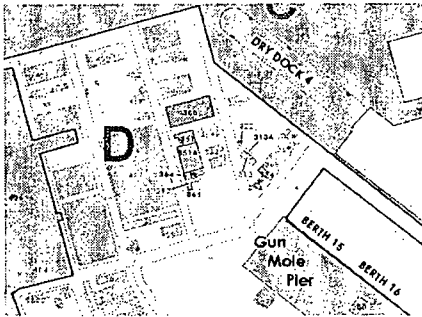
Building 253

- NRDL Calibration Facility (6th Floor)
- Small instrument repair shop (5th Floor)
- Initial surveys complete
- Cs-137 and Ra-226
- Cleanup underway

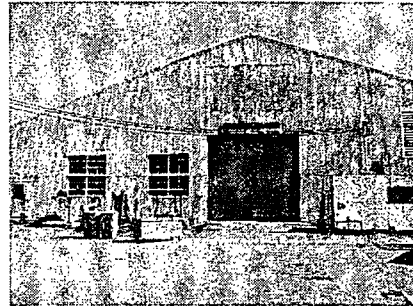




Building 366 in Parcel D



Building 366



Building 366

- Former Boat and Plastics Shop
- Currently being used by artists
- Initial survey complete – no issues identified
- Historical records indicate previous storage of radioluminescent paint
- Navy to confirm initial findings in follow-up surveys



What's Next?

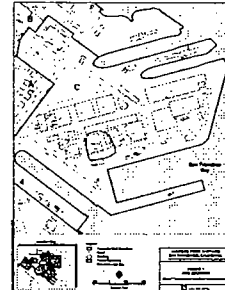
- Continue HRA research and interviews
- Continue on-site radiological surveys and cleanup
- Keep HPS tenants, community and regulators informed



Innovative Cleanup of Trichloroethene in Groundwater Using Iron Injection

Presented to:
Hunters Point Restoration Advisory Board
February 27, 2003

Treatability Study Site



Presentation Outline

- Location
- Background
- Primary Objectives
- Chemistry
- Injection Methodology
- Existing Conditions
- Initial Results
- Preliminary Conclusions

Background

- One of two projects selected in 2001 by Navy's Alternative Restoration Technology Team for Field Implementation
- TCE is primary contaminant at the site
- Project Team
 - Navy: K. Forman, D. DeMars, P. Brooks
Dr. D. B. Chan
 - Tetra Tech EM, Inc.: J. McCall; G. Swanson; H. Cheng,
D. Cheng
 - ARS Technologies: S. Chen

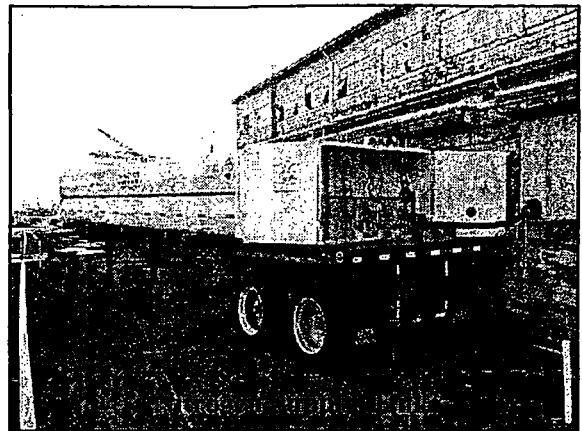
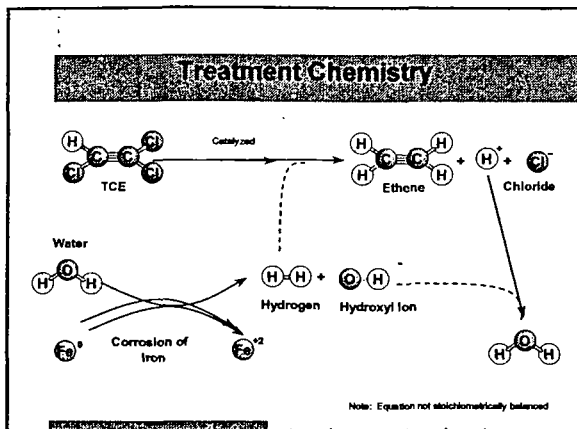


Hunters Point Shipyard
San Francisco, CA 94134



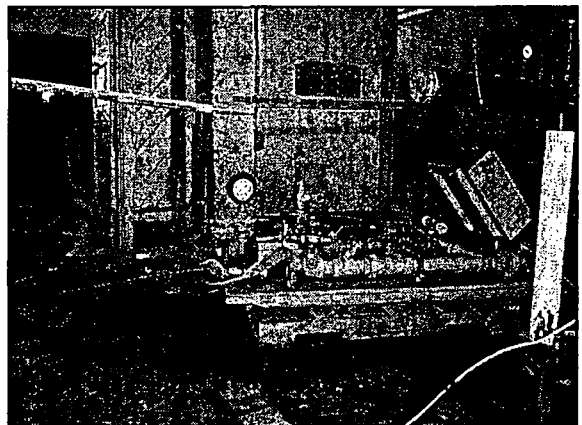
Primary Objectives

- Determine whether iron injection can be used to clean up trichloroethene in groundwater
- Evaluate whether contamination is moved by injecting iron
- Evaluate size of treatment zone



High Reactivity Iron Powder

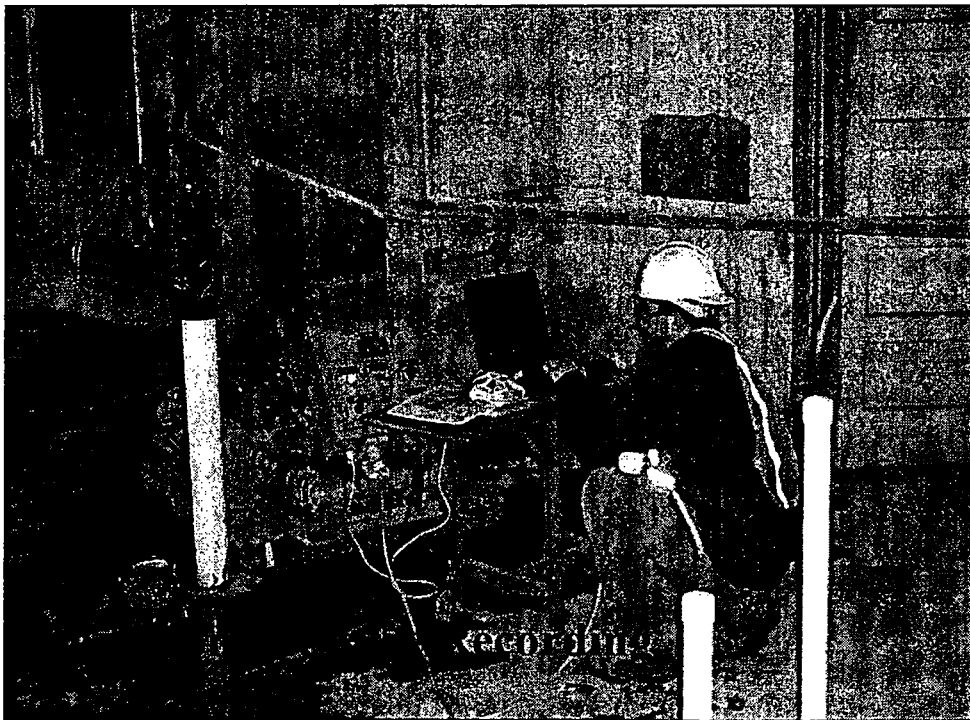
- Irregular Shape Provides High Surface Area
- ~40 um particles
- High Purity Iron (95%+) with trace carbon within the particle structure

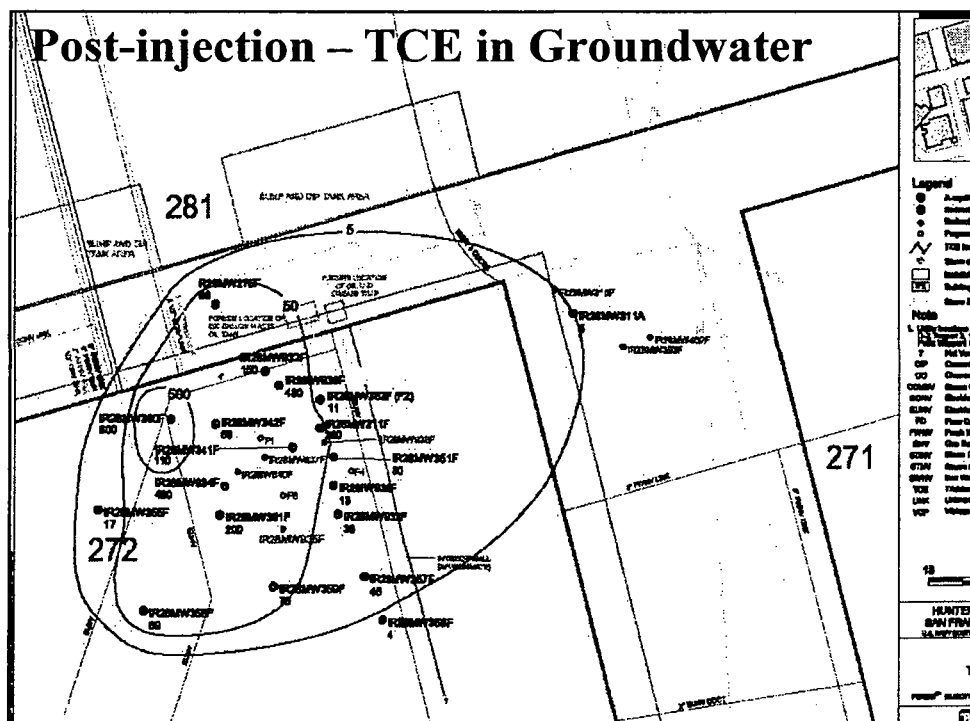
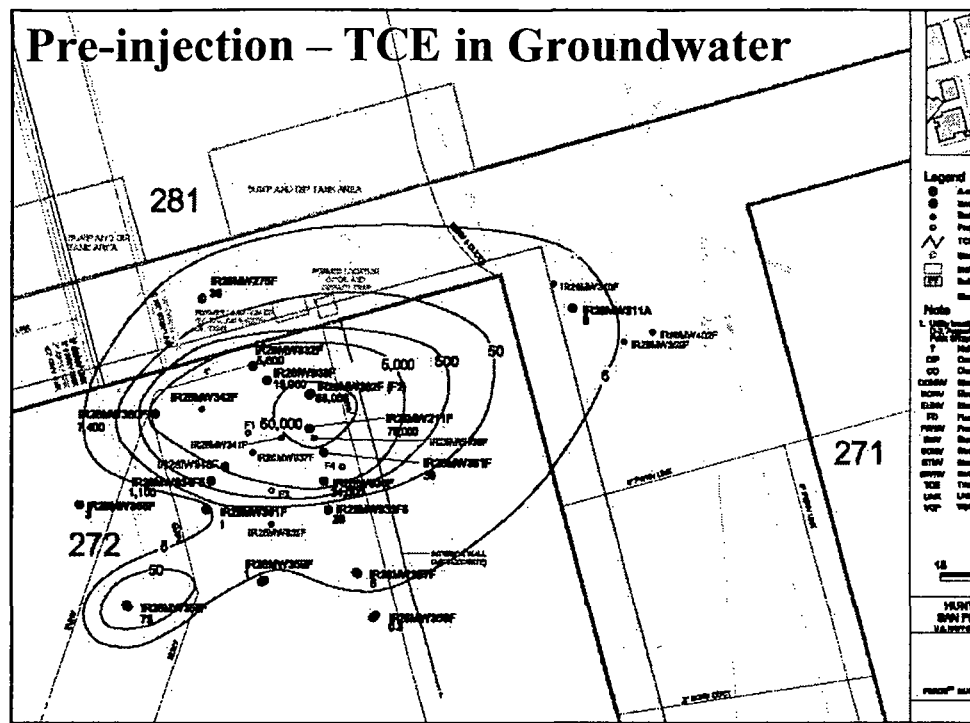


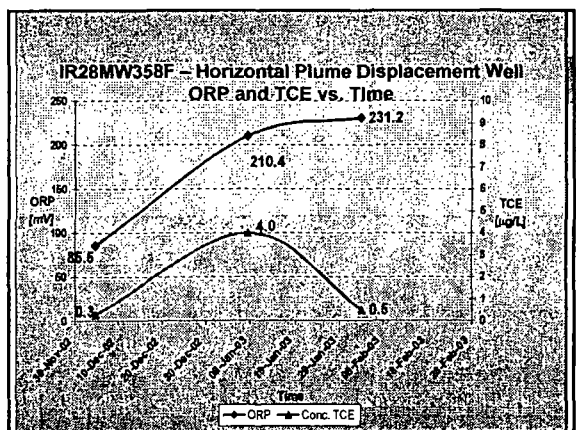
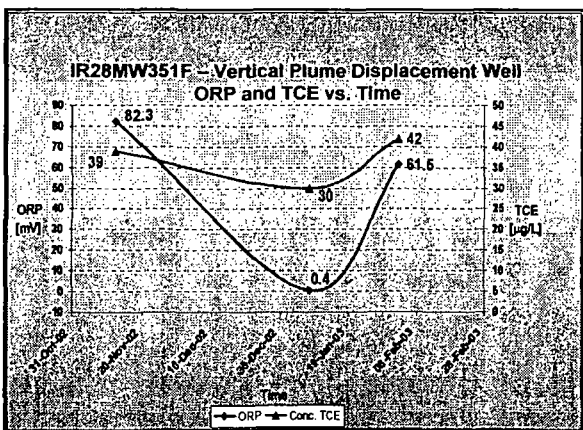
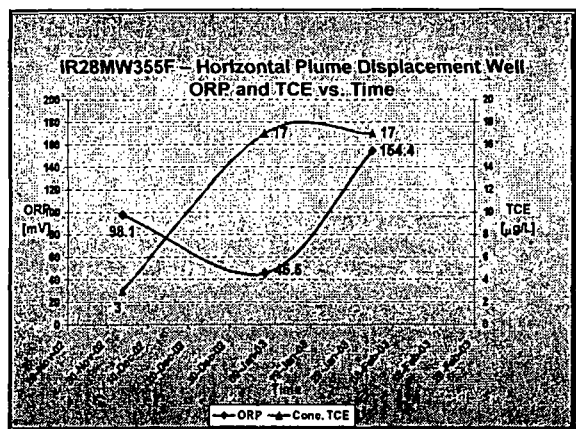
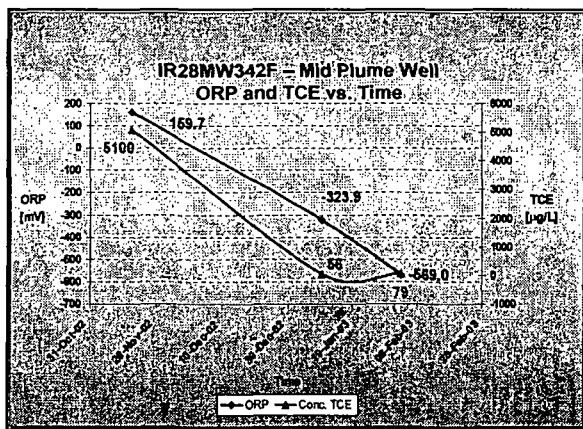
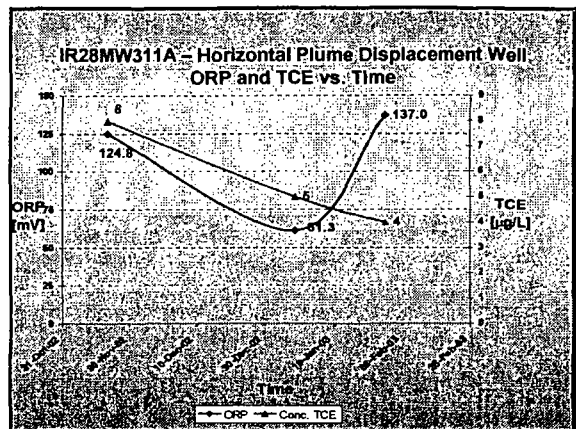
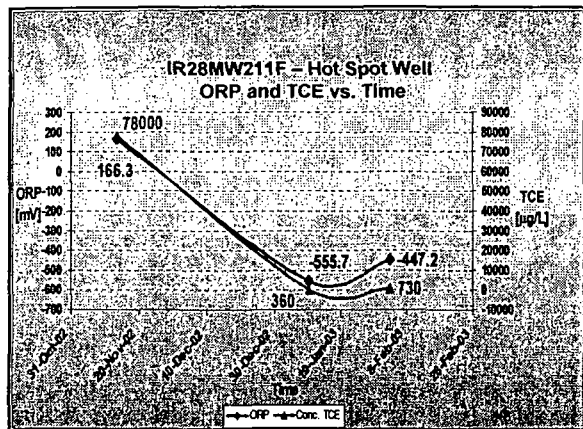
Iron Injection Methodology

- Inject nitrogen gas for 10 – 15 seconds to fill pore spaces (and open new pore spaces)
- Following initial nitrogen injection, iron-water slurry is introduced to the gas stream
- Nitrogen acts as carrier fluid to atomize and disperse slurry into the formation
- Liquid atomized injection of iron slurry increases contact with contaminants
- Each injection borehole was expected to have a 20-foot radius of influence









Preliminary Conclusions

- Iron injection caused a large reduction in TCE contamination
- Contaminants show little movement due to the injection
- Radius of influence ranges from about 15 to 20 feet
- This innovative technology may be applied to other Hunters Point contamination areas

**Hunters Point Shipyard Restoration Advisory Board
Radiological Subcommittee
Meeting Summary
1/22/03**

Attendees: Lynne Brown, Lea Loizos, Clifton Smith, Daryl DeLong, Bill Haney, Jim Ansbros, Martin Offenhauer, Joel Cehn, Laurie Lowman, Dick Lowman, Kevyn Lutton, Francisco DaCosta, Andrew Bozeman, Mary Ratcliff, Willie Ratcliff, Ahimsa Sumchai

Introductions were made. Laurie Lowman of the Radiological Affairs Support Office began with a report on the status of the Draft Final Historical Radiological Assessment. Lowman, who began working with RASO in 1978 reviewing data from HPS surveys, announced RASO has secured funding to augment the HRA making it a "more accurate and comprehensive document". BRAC Environmental Coordinator Keith Forman stated the funding will expand staffing dedicated to investigation and completion of the document. Specifically, more research attention will be directed towards the history of Operation Crossroads and radiological operations at HPS. Forman announced that beginning 1/26/03 ads will be run in five major newspapers soliciting information from former shipyard employees and other parties privy to "knowledge of shipyard base radiological operations." Dick Lowman reported that a former NRDL scientist, Dr. C. Sharp Cook died and his daughter found 6 boxes of records relating to operations on the base that are currently being reviewed for inclusion in the Draft Final HRA.

RAB Community co-chair Lynne Brown asked for the anticipated date of release of the HRA. Mr. Forman responded that RASO is not pressured to quickly complete the document and that "speed kills quality...the quality of the document suffers when information is hastily compiled".

Radiological chair Ahimsa Sumchai and Mary Ratcliff offered information about the whereabouts of Tom Olsen, a former Triple A Machine Shop employee who has reported to the media and numerous government agencies his work activities at HPS. He carried large barrels of hazardous materials against his body and has contracted a very unusual radiation induced tumor called a lymphangiosarcoma. Olsen has reported having numerous records pertaining to HPS radiological operations.

Independent investigations confirm that the Naval Radiological Defense Laboratory was established in 1947 to study contamination problems posed by the atomic bomb. At the time of its "disestablishment" in 1969, its library of research reports were evidently dispersed, and basic records were destroyed. DOE was unable to locate the pre-1970's files of its Intelligence Division, which could have provided critical data on intentional releases and work done for others. In response to Committee request, a DOE investigation revealed that these files were substantially purged during the 1970's and as late as 1989.

Lowman referred to the HRA methodology as a "picture in time", clarifying that the draft final HRA will represent a finite period of study from 1939 through 2002 and that subsequent documents will incorporate information uncovered after that date. She emphasized that the HRA is not a "living document" and will not incorporate the results of ongoing surveys.

Lowman went on to report that 650 feet of new records recently declassified by the Department of Energy pertaining to HPS radiological operations have been found at San Bruno Archives. This information will also be incorporated into the draft final HRA and the generation of new data, interpretation, writing staff and independent verification will call for added funding and staff at RASO.

Following an indepth discussion in which Lowman emphasized that HPS's

closure for 30 years prior to remediation has factored in the complexities of HRA completion, she stated, "The HRA will not be the same document put out before." Specifically, NWT surveys will not be included in the HRA. Lowman reports that the inclusion of Appendix B reports in the original HRA volume II generated criticism from regulators who had not reviewed the contents of the material prior to its publication and distribution.

Lowman reported that SF Weekly writer Lisa Davis has been petitioned by RASO to provide the identification of individuals she interviewed for the Fallout series.

The discussion shifted to the status of current radiological investigations at HPS. Mr. Forman announced that Building 821 on Parcel A had received DHS clearance. He addressed the controversy stemming from the finding of cesium in drains in building 821. The concentration was interpreted as being high by a regulator and member of the BCT. Forman explained that the volume of the sample was small and the final result was sent to an independent lab for confirmation.

Joel Cehn representing the Mayor's office asked for the exact amount of cesium in the drain samples. Daryl Delong reported it as 0.14 above the detection level of 0.8 but below remediation level.

Jim Ansbro noted that Building 821 does not appear nor is not numbered on HPS maps. Sumchai replied that other observers had reported this.

Francisco DaCosta, environmental activist and representative of the Muwakme Ohlone Indian tribe was introduced and he gave a brief but enlightening discussion about the 200 year old archeological history of the tribe on federal lands at HPS and the concern about the existence of Indian burial grounds called shellmounds on Bayview hills surrounding the shipyard. DaCosta emphasized the need for a complete archeological survey prior to further development at HPS. Mr. Forman stated that there is a NEPA requirement for such surveys and that he believed a document might be in existence.

The final discussion centered on the status of radiological surveys at Parcel C and Parcel D. The substance of this discussion is summarized in the meeting minutes of the January RAB and in Mrs. Lowman's power point presentation, Current Radiological Issues January 23, 2003. Parcel E radiological operations were not discussed in either the subcommittee or full RAB.

The Draft HRA issued March 29, 2002 identifies Parcel E to harbor numerous buildings and sites undergoing radiological survey. The most significant of which is the Parcel E landfill (IR01/21). The 1991 Phase I radiological investigation identified 7 radioactive sources believed to be emanating from radium in soil, radon gas and radium containing devices. An interim RCRA cap was placed that covers little more than 37% of the landfill. The ATSDR reports that landfill soil covering disposed materials is both shallow and inconsistent in depth.

Additional survey sites on Parcel E include building 406, believed to have been a storehouse for radiation sources or devices. Building 414, believed to have been a storehouse for radioactive waste. Building 506 was the former NRDL headquarters. Building 507 was the NRDL biological laboratory. Building 508 was the NRDL health physics lab. Building 509 was an animal irradiation facility. Building 707 was used to store drums of radioactive waste. Building 708 was an NRDL biomedical facility. Building 820 housed the NRDL cyclotron and Buildings 830 and 831 were used as animal kennels and breeding facilities for animals irradiated in NRDL experiments.

MEETING ANNOUNCEMENT

The March meeting of the Radiological Subcommittee of the HPS Restoration Advisory Board will be held on Wednesday evening, March 26, 2003

from 6-8pm at the office of Literacy for Environmental Justice located at
6220 Third Street at Paul. Please RSVP to (415) 835-4763

HPS Membership & Bylaws Subcommittee Meeting Notes
Meeting Minutes for 11 February 2003, 6-8pm
San Francisco Public Library, Anna E. Waden Branch

The subcommittee meeting was called to order by Keith Tisdell, RAB member and Subcommittee Leader, at 6:00pm. In attendance at the meeting were Melita Rines, RAB member, Charles Dacus, RAB member, and Lea Loizos, Community member. Topic on the agenda: (1) reviewing the RAB membership application.

Lea Loizos, from ARC Ecology had submitted her RAB membership application for review. She is a staff scientist at ARC Ecology. The previous ARC Ecology member, Chris Shirley has stepped down from the RAB and based on this information, Lea's application was unanimously accepted for approval.

- ***Motion to the RAB – Accept the membership application for Lea Loizos, ARC Ecology under the Environmental Organizations category. This category total will remain at 5.***

Community Based Non-profit	Environmental Organizations	Local Businesses	Resident “at large”
Barbara Bushnell (R.O.S.E.S.)	Lynne Brown (Communities First Coalition)	Lani Asher (Artist on the Shipyard)	Marie Franklin
Charles Dacus (R.O.S.E.S.)	Karen Pierce (HEAP)	Maurice Campbell (New Calif. Media, SF Bayview)	Kevyn Lutton
Helen Jackson (All Hallows Gardens)	Lea Loizos (pending RAB approval) (ARC Ecology)	Marie Harrison (Green Action)	Keith Tisdell
Jesse Mason (Bayview Advocates)	Ahimsa Sumchai (Health & Env Resource Center)	Mitsuyo Hasegawa (JRM & Assoc.)	
Sulu Palega (HP Boys and Girls Club)	Ray Tompkins (BVHP Coalition on the Env.)	J.R. Manuel (JRM & Assoc.)	
Dorothy Peterson (Shoreview Residents Assoc.)		Leilani Wright (JRM & Assoc.)	
Melita Rines (India Basin Neighborhood Assoc.)		Georgia Oliva (Artist on the Shipyard)	
Caroline Washington (Network for Elders)			
Category Total	Category Total	Category Total	Category Total
8 (Full)	5	7	3

The meeting adjourned at 6:25pm.

Minutes from the Technical Subcommittee Meeting 02/19/03

Anna Waden Library

6: 00 pm

Attendees: Charles Dacus, Keith Forman, Lynne Brown, Kevin Lytton, Maurice Campbell, David DeMars, Lea Liozos, James Morrison, Keith Tisdale, Barbara Bushnell

1. Parcel A— The HRA needs to be concluded and there are unresolved methane issues related to the parcel E methane remediation as it is adjacent to A.

2. Parcel B— Study underway including waterfront, and Significant Pier studies/Removal Handout from undated recent memo & Map (attached) with area of concern noted by “*” On map.

Relates concerns about the metals, pesticides, and PCB's at potential concern levels (IR-07). Discussed reevaluation of TCE (trichlororthelyene) by EPA. Navy will wait for the experts to agree on the standards to remain in compliance.

Water contamination level are being studied no reports available yet.

Much discussion about the SFRA, Baycat, and the Shipyard Conveyance agreement.

3. Parcel C: City of San Francisco “MAQ's” (must answer questions) due 1/23/03? — No SF action
4. Parcel: City of San Francisco “MAQ's” due 1/09/03? ?—no SF action
5. Parcel E— Gas remediation appears to be going well. There was a good discussion about the landfill and the existence of monitoring wells on the shoreline (no data to view yet). There are many monitoring wells; which indicate the ground water is not contaminated.
6. Parcel F—Water data will be in consideration also with B, C, D, & E. Recommend that the Tech Subcommittee spend time reviewing groundwater studies (to be published soon). It was pointed out that although Parcel F (the water) is last to be resolved in the programmed FFA all other parcels are adjacent to SF bay—these are major concerns and studies are going on now.

no data?

This public summary summarizes information presented in the document referred to below. Neither the document nor the public summary has been reviewed by the regulatory agencies.

Public Summary:**Draft Addendum to the Field Sampling Plan for Confirmation Sampling and Analysis Plan Parcel B Remedial Action Hunters Point Shipyard, San Francisco, California**

This document summarizes the "Final Sampling and Analysis Plan (SAP) for the Parcel B Shoreline Investigation at Hunters Point Shipyard (HPS), San Francisco, California." The U.S. Department of the Navy (Navy) initiated the Parcel B shoreline investigation SAP to obtain additional soil data to support remedial activities at Parcel B.

Background: The Navy conducted excavation activities adjacent to the Parcel B shoreline at Installation Restoration (IR) Sites 07 (IR-07) and IR-26 to remove contaminants from the soil without threatening the integrity of nearby structures and shoreline protection. Several excavations were halted before all contaminated material could be removed due to potential intrusion of water from San Francisco Bay and loss of stability in the existing riprap. As a result, several excavation sidewalls adjacent to the shore contain concentrations of analytes that exceed current cleanup goals for Parcel B soil. Analytes of potential concern remaining at the shoreline interior include metals, pesticides, and polychlorinated biphenyls (PCB). Petroleum hydrocarbon compounds also were detected. Data collected during the investigation will be used to determine whether analytes are present in the shoreline area at concentrations exceeding Parcel B cleanup goals.

Parcel B Shoreline Investigation: The Parcel B shoreline investigation will be conducted in Fall 2002 and will consist of collection and analysis of soil samples from the shoreline area of Parcel B.

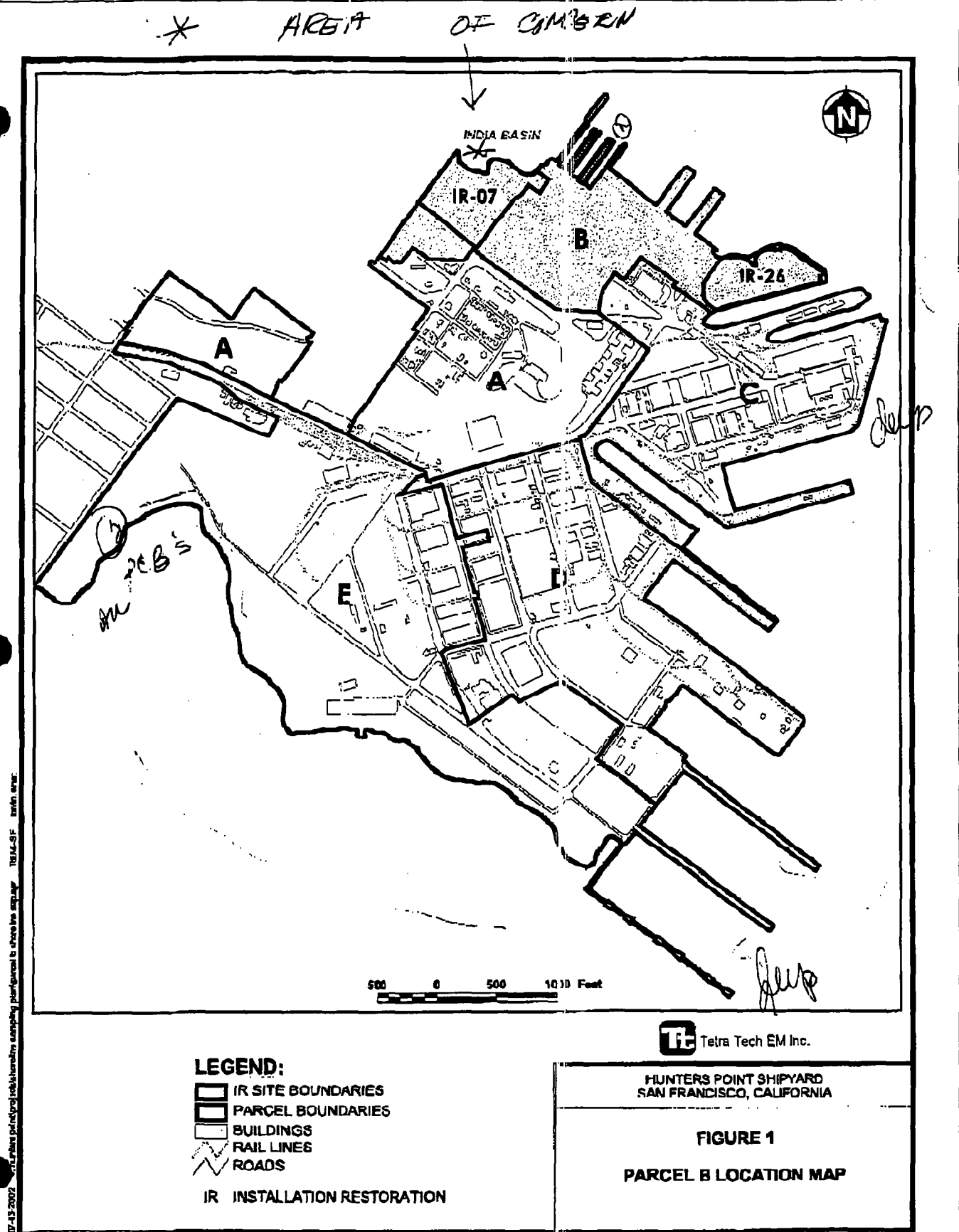
Next Steps. The Navy will use soil data obtained during the shoreline investigation to determine whether analytes are present in the shoreline area at concentrations exceeding Parcel B cleanup goals. If concentrations of metals, pesticides, PCBs, or TPH-extractables exceed cleanup goals, then those analytes will be identified as analytes of concern and additional sampling and analysis may be proposed to determine further action.

Information Repositories: A complete copy of the SAP for the Parcel B shoreline investigation is available to members of the community at:

San Francisco Main Library
100 Larkin Street
Government Information Center, 5th Floor
San Francisco, CA 94102
Telephone: (415) 557-4500

Anna E. Waden Library
5075 Third Street
San Francisco, CA 94124
Telephone: (415) 715-4100

The SAP is also available to community members upon request to the Navy. For more information about environmental investigation and cleanup at HPS, contact Mr. Keith Forman of the Navy at (019) 532-0913 (telephone), (019) 532-0995 (fax), or formaniks@efdsdsw.navfac.navy.mil (e-mail).



Arc Ecology

833 Market Street ♦ San Francisco, California 94103

phone: 415 495 1786 ♦ fax: 415 495 1787 ♦ e-mail: lealoizos@mindspring.com

February 27, 2003

Subject: An Open Letter to the Hunters Point Shipyard RAB

On February 25, 2003 Ms. Ahimsa Sumchai distributed a letter regarding Arc Ecology to a number of officials and individuals involved in the cleanup of the Hunters Point Shipyard and Restoration Advisory Board. While Arc Ecology rarely responds to letters of this sort, out of respect for the RAB, the hard work of the individuals involved in the cleanup process, and in the general interest of public transparency we are providing a formal response to the confused and confusing allegations and misrepresentations presented in Ms. Sumchai's letter.

1. Status of Ms. Loizos' membership on the RAB.

Ms. Sumchai makes the comment that Ms. Loizos assumed the leadership of the RAB's TRC without having been approved by the full RAB as a member. On both points we would disagree with Ms. Sumchai. First Ms. Sumchai seems to be confused as to the status of Arc Ecology's involvement in the RAB. Since the RAB was founded at Arc Ecology's request in 1993, we have held an organizational seat on this body to which we were recommended by Congresswoman Nancy Pelosi, then Mayor Frank Jordan, and the Chair of the San Francisco Board of Supervisor's Base Closure Committee Kevin Shelly. Since that time four Arc staff members have represented us to this body: myself, Dr. Donald Meyers, Ms. Christine Shirley, and now Ms. Loizos. Arc Ecology's organizational involvement as a member of the RAB is consistent with both general DOD RAB Guidance as well as Navy implementing guidelines, and constitutes one of the categories of membership for the RAB. Thus, the change experienced by the RAB was not in our status as members of this body, but rather with the individual representing Arc to the RAB. Furthermore, Arc's attendance has been unflagging, participating in some 110 RAB meetings over the last decade.

As to the issue of the leadership of the Technical Review Committee, Arc has made no assumption that we would continue to chair this committee; although we are willing to continue to serve in that capacity. It is our belief that the most important attribute for this position is competence and we have every faith in Ms. Loizos. Since Ms. Sumchai mentioned Parcel E, I would like to point out that in December, Ms. Loizos completed the writing of a summary report on the status of information and procedural review regarding the landfill. The report was compiled under Ms. Shirley's supervision and has been looked over by the City, Regulators and the Navy. As far as I understand, the Report has been well received and is considered a fair and technically accurate representation of the facts at hand. Having represented Arc Ecology on the Mare Island and Alameda RABs for over a year, Ms. Loizos has demonstrated her competency to our satisfaction as well as the satisfaction of the regulators overseeing those cleanups. We would be happy to provide references for Ms. Loizos.

2. Stability of the Position of TRC chairpersonship

Ms. Sumchai makes the point of the importance of stability within this position and we could not agree more. Aside from the Navy, the EPA, the DTSC, no other entity has been more consistently involved in the cleanup of the Shipyard - not even the City. For the past twenty years Arc Ecology has helped the BVHP community understand and participate in the decisions affecting their health and well being regarding the Shipyard. For the last eight years, Chris Shirley has represented Arc Ecology on the RAB, for the last seven she has chaired the RAB's TRC; from Arc Ecology's point view we believe that attending monthly RAB meetings for a decade and BCT meetings for eight years constitutes reliable stable service. Indeed, Arc Ecology's presence on the RAB represents one of the longest consistent community technical assistance programs addressing base closures in the nation and we are the only entity to have served on the RAB consistently since its inception.

3. Chris Shirley's unannounced departure from the RAB was conducted in a manner that was unprofessional and undiplomatic

I agree that it was unfortunate that Chris was not able to notify the RAB about her departure in person. But while that would have been preferable from our point of view, and Arc would have certainly been happier with more time to close out Chris' work, the fact of the matter is that she has the right to pursue her own career. Chris found another job at twice the wages we were able to pay her, with better working hours, but unfortunately was given only two weeks to conclude her responsibilities to us. These are the simple circumstances of the marketplace. To be held responsible for changes people make to meet their objectives in life is akin to being held responsible for the weather.

We also object to the characterization that Ms. Shirley's departure was handled in an unprofessional manner. During the two weeks prior to Chris' absence, she moved rapidly to orient Lea and get her ready for the tasks she was to be responsible for. As luck would have it, we were already in the process of training Lea to undertake the job of Community Technical Services coordinator for the Windows project, so in actual fact the transition has been rather seamless.

Once again I must state that thus far I have gotten nothing but good reports about Lea's work. As a result I must reject the notion that anything unusual or irresponsible occurred as a result of Chris' new opportunity. We at Arc are grateful for the time she spent with us contributing her substantial skills at the tremendously discounted salary this organization was able to afford during her stay.

4. The expectation that an ARC representative will continue as leader of the TRC is totally outside of sound judgment and is fully motivated by the organizations political and conflict of interest financial gain.

This comment is just plain silly. Arc receives no financial benefit from serving as TRC committee chair. The status has not helped our fundraising nor has it resulted in an increase in any other source of income. It is important to keep in mind that Arc Ecology chairs RAB TRC's at both Mare Island and Alameda as well. At one point we additionally chaired the technical committee of the Treasure Island RAB. All these chairpersonships have afforded us is the ability to demonstrate the faith and support that RABs and communities around the Bay have in our technical staff, and anyone individually would be sufficient demonstration for our funders. Nevertheless our technical prowess stands on its own. Our staff enjoys the confidence of our peers and

the regulatory agencies. This confidence is neither enhanced nor diminished by our status on the committee. As to our nefarious political agenda and conflict of interest: Arc Ecology's sole agenda with regard to the RAB and the cleanup is that the community have a voice in the decisions affecting their health and environment, and that the remedial response be Proposition P compliant.

5. I would like the membership and bylaws committee and the TRC committee to force full financial disclosure from ARC with regard to it's conflict of interest city funding and political bounty it is reaping from the Mayor's Office of the City and County of San Francisco.

As a nonprofit corporation, Arc Ecology's financial reporting is open to the public as a matter of course. Individuals wishing to look at these statements are welcome to make an appointment. We expect our latest federal tax filing to be available on-line shortly on Guidestar.com.

However we have no problem with transparency. In so far as the bounty we have been reaping from the City and State, these funds are also a matter of public record:

SFDoE: Arc Ecology has a three-year contract with the San Francisco Department of the Environment to develop, staff and maintain a public information clearinghouse and an educational program in the Bayview on the Shipyard's cleanup. A portion of this contract thus far has been subcontracted out to the Bayview Community Advocates for the use of their offices on Third Street and project support. In return for SFDoE's funding, Arc Ecology has commented on every cleanup document available for our review, attended over 40 public meetings providing insight and expertise on the cleanup of the shipyard, and has provided an environmental scientist to focus on the Shipyard. We have outfitted a public information library on the cleanup, provided a computer for public access, a TV linked to the computer to play environmental cleanup training video's (and to use for larger presentations) and we have assigned one of our staff scientist to staff the Window site two days a week. Working together with the Community First Coalition we helped change the strategy for methane treatment on Parcel E; with funding from the DoE we have put together a community briefing paper on the landfill, which is being distributed in the community, the report is the first comprehensive approach to educating the public on the very complex landfill issue. And this is only a portion of what we've done and the impact we have had. If we were a DoD contractor, the bills would be five times what we are charging for half the amount of product.

CALFED: Arc Ecology is the Fiscal Agent of a six organization, 2 year contract to develop a wetlands rehabilitation strategy for Yosemite Slough. Through our partners and subcontractors Literacy for Environmental Justice, the Golden Gate Audubon Society, and the University of San Francisco we are employing 20 neighborhood high school students conducting wildlife and plant surveys and water quality sampling from Yosemite Slough. Through our partners and subcontractors the Bayview Community Advocates and Clean Water Fund we are attempting to compile a cultural history of the Yosemite Watershed including how the community used the resource documenting what was lost through the development of the Navy base and Candlestick Point to provide the basis for restoring Yosemite Slough. Finally together with our partner and subcontractor The Alliance for a Clean Water Front, we are attempting to address the sewage outfall and overflow problems impacting the slough and the neighborhood. Two

of the six project partners are BVHP based organizations, setting our neighborhood partnership rate at 33% - a much higher local contacting rate than the Navy and most City projects.

MOED: Finally, over the course of the Spring and Summer, Arc Ecology was under contract with the Mayor's Office of Economic Development to chair a focus group on the Shipyard conveyance package. This focus group was charged with helping the City ensure that the contents of the agreement came as close to the desires of BVHP residents regarding cleanup as could be obtained in a negotiation with the Navy. This contract involved chairing two-two hour meetings a week for six months, administering and distributing information, and compiling reports. Furthermore, this contract was the only such focus group in our memory to actually provide its BVHP residents with a stipend.

As a result of the projects, our partnerships, overhead and other costs, Arc currently realizes annually somewhat less income than the combined earnings of two legislative aids to members of the San Francisco Board of Supervisors. Furthermore, because each of these contracts are reimbursement based, we must first loan the money to the respective agencies in the form of carrying out our programmatic obligations, and have the results approved by them, before we are refunded for our expenses. The additional costs of having to raise enough money sufficient to underwrite these projects for our contracting agencies is not included in either the DoE or MOED agreements.

None of these activities however constitute a violation of any actual or common ethical or conflict of interest practice. The Window project disseminates information about the cleanup, which is obtainable by Arc independently from the RAB. The Yosemite Slough project is a state grant and the Shipyard poses only one of a number of factors impacting the health and quality of the South Basin. The contract bypasses all of the City agencies involved in the Shipyard, so our involvement in this issue was of no consequence to the award. The State awarded us the contract because of the strength, credibility, and prestige of the organizations collaborating in the project.

6. Arc Ecology Executive Director Saul Bloom is an appointee of Mayor Willie L. Brown to the Citizens Committee on the Hunters Point Shipyard, a body that advises the Redevelopment Agency on the Shipyard development.

I would appreciate seeing the information upon which Ms. Sumchai bases her claim that I was appointed to the Hunters Point CAC by Mayor Brown: Because I was an appointee of Mayor Jordan. My tenure on the CAC began three years before Mayor Brown took office, and I am concerned that inaccurate information may be circulating. I am however pleased that Mayor Brown has valued my participation enough to continue my membership on that Committee. The primary difference between our participation on the two committees is that I was appointed as myself to the CAC, whereas Arc Ecology was originally appointed to the RAB. To my knowledge being a member of the CAC does not pose a conflict of interest.

7. Bloom has actively advocated the transfer of Parcel A, despite his prior allegiance to Proposition P, and has worked with Brown, Supervisor Maxwell and Jesse Blout of the MOED to advance the transfer.

The above is also a matter of public record. I have long been an advocate for the transfer of Parcel A provided that it meets Proposition P criteria. I have also stated on

numerous public occasions that based on Arc Ecology's research it is feasible to undertake the demolitions and infrastructure construction necessary to facilitate property reuse while a property is in the process of being cleaned; provided strict health, environmental and safety criteria are adhered to and that one has a full and thorough understanding of the environmental pollutants to be remediated.


I am furthermore proud to say that I have worked with the Mayor's Office, Mr. Blout and Supervisor Maxwell all of whom I believe share the goal of a Proposition P compliant redevelopment strategy. It is important to keep in mind that Proposition P calls for cleanup to a level allowing unrestricted use, the very type of activity proposed for Parcel A. One of the issues Arc Ecology and I have been weighing in on is how to go about the transfer and subsequent development of the Shipyard in a Proposition P compliant manner. So in actual fact, the situation is quite the opposite of Ms. Sumchai's allegation. Instead of somehow recanting my commitment to Proposition P, Arc Ecology and I are working to ensure it is properly implemented. This should come as no surprise to anyone given that I am the author of Proposition P. Arc Ecology and I feel a great deal of responsibility to maintain the faith of the 287,000 San Franciscans who voted for the resolution.

8. Item two on Ms. Sumchai's exposure list addresses our contracts and alleged financial windfall and I have responded to these questions in Item #5.
9. The TRC leadership needs to be directed by an individual without financial conflict of interest and verifiable political and monetary gain from HPS cleanup activities. I believe this is most in keeping with the spirit of the RAB.

In the final analysis it is easy for an individual with few scruples to raise doubts about any person or organization. Arc Ecology has responded to Ms. Sumchai's assertions not because we are particularly concerned about her opinion – we are not – but rather because we feel that the activities of the RAB and the interests of the BVHP community around cleanup are undermined by emails like the one we are responding to today.

It is time for Ms. Sumchai to provide the "facts" to back her assertions to the RAB and anyone else who might be interested so that we may have the opportunity to respond and put this matter to rest once and for all. Innuendo and unsubstantiated claims are often enough to cause considerable personal and professional harm because it is the charge that is usually remembered – not the response, however thorough it may be. Say something about an individual or organization enough and the comments become part of their reputation deserved or not.

Arc Ecology believes that we have made and continue to make a substantial contribution to the well being of the BVHP community. We are happy to stand on our record.


Saul Bloom
Arc Ecology

From: "ahimsa sumchai" <asumchai@hotmail.com>
>>To: formanks@efdswnavfac.navy.mil
>>Subject: Interim Leadership - Technical Review Committee HPS RAB
>>Date: Mon, 24 Feb 2003 01:26:42 +0000

Dear Mr. Forman,

I want to express my concern that there be stable leadership for the Technical Review Committee of the RAB during the vacuum left by the abrupt departure of Christine Shirley from the RAB Board. Historically and in many jurisdictions, RAB's evolved from Technical Review Committees and the HPS TRC has played a central role in monitoring the Parcel E landfill and the extent of toxic cleanup at HPS.

I am aware that efforts are underfoot to seat an individual representing ARC Ecology as the chair of the TRC despite the fact that she has not been voted onto the RAB. This individual attended the meeting of the Radiological subcommittee held in January and announced herself to be a RAB member although I had never met her.

I have specific concerns that I will pressure the RAB to seek full disclosure on. I feel that Christine Shirley's unannounced departure from the RAB was conducted in a manner that was unprofessional and undiplomatic. The expectation that an ARC representative will continue as leader of the TRC is totally outside of sound judgement and is fully motivated by the organizations political and conflict of interest financial gain.

Should ARC Ecology's representative seek to be the chair of the TRC I would like the membership and bylaws committee and the TRC committee to force full financial disclosure from ARC with regard to its conflict of interest city funding and political bounty it is reaping from the Mayor's Office of the City and County of San Francisco.

Namely, I am prepared to show the following facts:

1. Arc Ecology Executive Director Saul Bloom is an appointee of Mayor Willie L. Brown to the Citizens Committee on the Hunters Point Shipyard, a body that advises the Redevelopment Agency on the Shipyard development. Bloom has actively advocated the transfer of Parcel A, despite his prior allegiance to Proposition P, and has worked with Brown, Supervisor

Maxwell and Jesse Blout of the MOED to advance the transfer.

2. Arc Ecology currently receives grant funding from several city sources including the Department of the Environment for a State funded, city allocated project to monitor the Parcel E landfill. Additionally, Arc received grant funding for a window on the Hunters Point shipyard and is rumored to have received funding from the Mayors Office of Economic Development.

The TRC leadership needs to be directed by an individual without financial conflict of interest and verifiable political and monetary gain from HPS cleanup activities. I believe this is most in keeping with the spirit of the RAB.

Respectfully,
Ahimsa